



SEQUENCE LISTING

#4

<110> Mirkin, Chad A.
Letsinger, Robert L.
Mucic, Robert C.
Storhoff, James J.
Elghanian, Robert
Taton, Thomas A.

<120> NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO
AND USES THEREFOR

<130> 00-713-i22

<140> 09/981,344

<141> 2001-10-15

<150> 09/603,830

<151> 2000-06-26

<150> 09/344,667

<151> 1999-06-25

<150> 09/240,755

<151> 1999-01-29

<150> PCT/US97/12783

<151> 1997-07-21

<150> 60/031,809

<151> 1996-07-29

<150> 60/200,161

<151> 2000-04-26

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<170> Microsoft Word 2000

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synthetic sequence

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<400> 3
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gaaaagggaa ggaga

15

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28

<210> 11

<211> 28

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<400> 20
cgcatcagg at

12

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24

<210> 22
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tacgagttga gaatcctgaa tgcg

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<210> 23
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 cctatcgacc atgct 15

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<210> 25
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<210> 26
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<400> 26
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<210> 27
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<210> 28
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<400> 28
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<210> 29
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48

<210> 30
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tgcattgattg cctcgtctta acgg

24

<210> 31
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synthetic sequence

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atcctgaatg cg 72

<210> 32
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synthetic sequence

<400> 32
gttgtccgta aagcgcccaa tatatgcatg attgcctcgt cttaacgg

48

<210> 33
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synthetic sequence

<400> 33
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<210> 34
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synthetic sequence

<400> 34
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<210> 35
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synthetic sequence

<400> 35
cgcattcagg at 12

<210> 36
<211> 141
<212> DNA
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<400> 36
ggcggatgag tcagtagtta aggaggctca tagagaagta attaattcgt caacagaggg 60
attattgtta aatattgata aggatataag aaaaatatta tccagggtta tattgtagaa 120
attgaagata ctgaagggt t 141

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<220>
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synthetic sequence

<400> 37
taacaataat ccctc 15

<210> 38
<211> 15
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synthetic sequence

<400> 38
atccttatca atatt 15

<210> 39
<211> 30
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synthetic sequence

<400> 39
tgagcctcct taactactga ctcacccgcc 30

<210> 40
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synthetic sequence

<400> 40
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<210> 41
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synthetic sequence

<400> 41
tataaccctg gataatattt ttcttat 27

<210> 42
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synthetic sequence

<400> 42
aagcccttca gtatcttcaa tttctacaa

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<210> 43
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synthetic sequence

<400> 43
tctcaactcg taaaaaaaaa aa

22

<210> 44
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synthetic sequence

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24

<210> 45
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22

<210> 46
<211> 22
<212> DNA
<213> Artificial Sequence

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<400> 46
 tctcaactcg taaaaaaaaa aa 22

<210> 47
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 synthetic sequence

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 aaaaaaaaaa cgcattcagg at 22

<210> 48
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 synthetic sequence

<400> 48
 tacgagttga gaatcctgaa tgcg 24

<210> 49
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 synthetic sequence

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 ctacttagat ccgagtgccc acat 24

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<210> 51
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<220>
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synthetic sequence

<400> 51
aaaaaaaaaa aaaaaaaaaa cgcatcagg at 32

<210> 52
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<220>
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synthetic sequence

<400> 52
cgcatcagg atwwwwwww wwwwwwww ww 32

<210> 53
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<400> 53
atcctgaatg cg 12

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atcctgaatg cg 12

<210> 55

<211> 20
<212> DNA
<213> Artificial Sequence

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aaaaaaaaaaaa aaaaaaaaaa 20

<210> 56
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<212> DNA
<213> Anthrax

<400> 56
ggattattgt taattattga taaggat 27

<210> 57
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<212> DNA
<213> Anthrax

<400> 58
atccttatca atatt 15

<210> 59
<211> 12
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synthetic sequence

<400> 59
tctcaactcg ta 12

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synthetic sequence

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tacgagttga gaatcctgaa tgcg 24

<210> 61
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<220>
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synthetic sequence

<400> 61
gcgtaagtcc taacgtacta acggagcaga attgccagag ttgagcat 48

<210> 62
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synthetic sequence

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gcgtaagtcc tacaacaggc atttcgcagg ttatatacgt actaacggag cagaattgcc 60
agagttgagc at 72

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synthetic sequence

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<210> 64
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<212> DNA
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<223> Description of Artificial Sequence:random
synthetic sequence

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48